



State of Utah
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY

M/035/009

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February 19, 1993

Mr. Dave Hodson, Manager
Barneys Canyon Mine
P.O. Box 311
Bingham Canyon, Utah 84006-0311

RE: Proposed Crusher for Sulfide Ore, Ground
Water Permit UGW350001

Dear Mr. Hodson:

This is in reply to the facsimile transmission of February 5, 1993 by Tracey Braun regarding the crusher operation for sulfide ore at the Barneys Canyon site. We assume that the crusher will be in the general vicinity of the pads, process ponds or plant, and that the grinding will be in a building so emissions are controlled, and the flotation tanks will be on an impermeable surface as a spill prevention precaution. Furthermore, it is indicated the crusher operation grinds the ore so that pyrite and other metal bearing minerals can be removed with flotation chemicals and the pyrite is to be transported to Magna and the waste rock is to be placed on the leach pads. From the information received and assuming the above conditions are met, it does not appear that a major modification to the ground water discharge permit is required, or a new ground water permit will be needed for this operation. Minor modifications could be made to the permit without public notice.

The ground water permit will contain language that allows easy incorporation of the proposed crusher facility, as compliance schedule issue provided the crusher location is within the permit boundaries.

Because you will be constructing flotation tanks and using large volumes of flotation chemicals, we anticipate a construction permit is necessary. Plans should be submitted to Kiran Bhayani. Questions regarding ground water should be directed to Mack Croft. Both may be reached at 538-6146.

Sincerely,

Larry J. Mize, P.E., Manager
Ground Water Protection Section

LJM:MC:gt
cc: SL City/County Health Dept.
Div. Oil, Gas & Mining

P:CRUSHER.LTR
FILE:BARNEYS CANYON

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OIL GAS & MINING